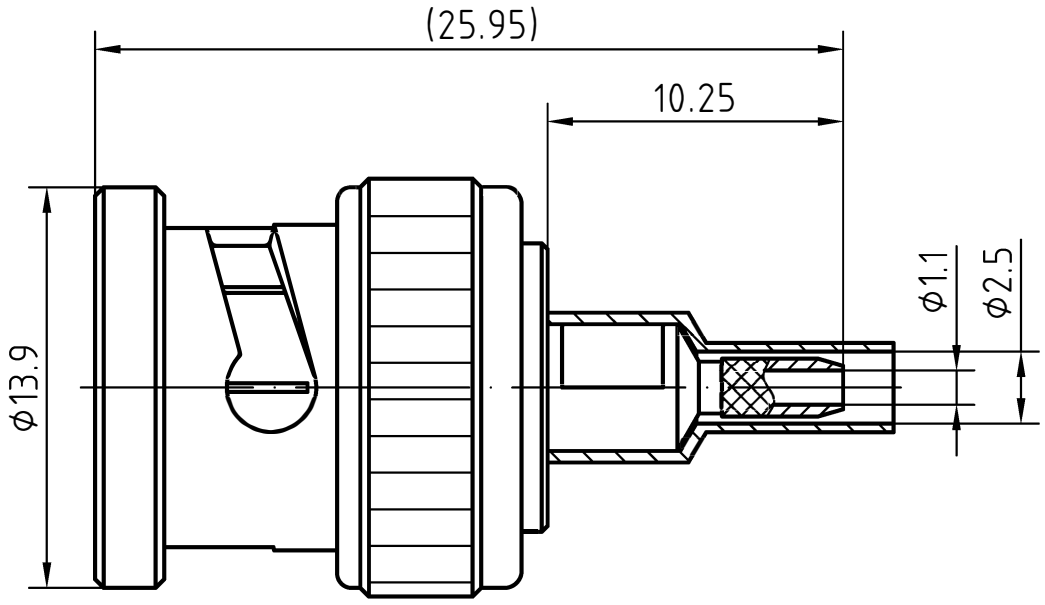
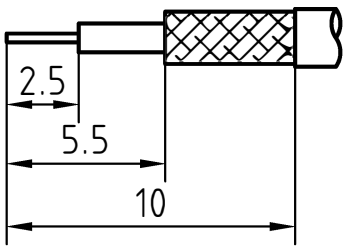
DRAWING



CABLE(RG178/U,RG196/U)



Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference
5	1	Gasket	Silicone rubber	
4	1	Coupling nut	Brass/Nickel plated	
3	1	Body	Brass/Neckel plated	
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	

Designed by	Checked by	Approved by	File name	Date	Scale
Xio Xang .	Jing Lo	Jing Chan	BNC-111100C	06.05.25	4 : 1

RF CONNEC
excellent way of connect

BNC-111100C

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	BNC Type male connector

Electrical characteristics:

Impedance:	*50 ohm*
Frequency range:	*DC to 4 GHz*
VSWR:	*≤1.08+0.05Xf[GHz]*
Insertion loss:	*≤0.08 X $\sqrt{f}$ [GHz] dB*
Insulation resistance:	*≥5000MΩ*
Test voltage:	*1500 V rms*
Working voltage:	*400 V rms*
Contact resistance:	
1). Centre contact:	*1.5 mΩ*
2). Outer conductor:	*1.0 mΩ*
Power handling (at 20 °C, sea level, VSWR 1.0):	*80 W @ 2 GHz*

Environmental data:

Temperature rating:	*-55 ° C to +165 ° C*
52/95/EC (RoHS):	*Compliant*

Mechanical data:

Mating cycles:	*≥500*
Center contact captivation:	*≥ 15 N(axial)*

Suitable cables:

RG178/U,RG196/U